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RANGE-FINDING DEVICE FOR CAMERA

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ABSTRACT

PURPOSE: To provide a range-finding device for a camera deciding a main subject based on a specified size previously set by grouping the distance data of plural range-finding points where range-finding is executed.

CONSTITUTION: This range-finding device for the camera is constituted of a light projecting part allowing an IRED 3 to emit light according to an instruction from a CPU 1, reflecting the light while turning a mirror 4 for projecting light and scanning, and projecting light to plural range-finding points; a light receiving part receiving reflected light from a subject in a PSD 9, calculating the distance data based on an outputted current value in a ratio data arithmetic circuit 10 and A/D converting the distance data in an A/D conversion circuit 11; a grouping part 12 grouping range-finding points according to the difference of the distance data of adjacent range-finding points from the distance data received and outputted; and a person width detection part 13 selecting a group close to the width of a person out of the groups. Then, focusing is performed based on the distance data of the selected group.

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RANGE-FINDING DEVICE FOR CAMERA (English)

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